

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DE2004/001901

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G07F19/00 G03B17/53

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03B G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 987 869 A (DEUTSCHE TELEKOM AG) 22 March 2000 (2000-03-22) column 3, paragraph 15 - column 4, paragraph 16; claims 1,7; figure 1	1,13
Y	column 5, paragraph 25 - column 6, paragraph 26	2-12, 14-26
X	US 2001/044747 A1 (BLACKSON DALE ET AL) 22 November 2001 (2001-11-22) pages 8-10, paragraph 76-99; claims 20,32; figure 2	1-26
Y	US 5 539 453 A (HECHT YEHUDA ET AL) 23 July 1996 (1996-07-23) column 3, lines 1-46; claims 1,25; figure 2	1-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

20 December 2004

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28/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/046231 A1 (WU ROBERT) 6 March 2003 (2003-03-06) column 4, paragraph 35-40; claims 7,10,11; figures 1,2	1-26
Y	GB 2 242 592 A (PHOTO ME INT) 2 October 1991 (1991-10-02) claims 1,8; figure 3	2-12, 14-26

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Information on patent family members

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